

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13Q		Page 1 of 5
Title: Commodity Specific Requirements for Carrots		
Revision: 1	Replaces: 10/01/00	Effective: 01/01/01

1. Purpose:

To provide a listing of PDP identified required compounds for carrots.

2. Scope:

This standard operating procedure shall be followed by all laboratories analyzing carrots for PDP. This SOP shall be used in conjunction with QC-13, which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

3. Outline of Procedure:

- 5.1 Compounds Required for Carrot Multi Residue Screens
- 5.2 Marker Pesticides for Carrot Multi Residue Screens

4. References:

- PDP Program Plans, July – December 2000 and January – June, 2001
- Pesticide Chemical News Guide (PCNG), July 2000
- PDP 2000-2001 Program Planning Meeting, April 26, 2000
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”, revision 6, April 1, 2000
- PDP Federal/State Meeting, October 26 - 28, 1999

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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5.1 Compounds Required for Carrot Multi Residue Screens

Carrot Compound	Reported As	Pest Code
Captan		011
Carbaryl		102
Chlorothalonil ¹		164
Cyfluthrin		781
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Desmedipham ²		786
Diazinon		024
Diazinon O-analog		395
Dicloran		144
Dieldrin		028
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Fenamiphos		236
Fenamiphos sulfone		745
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546
Fludioxonil		B23
Fluridone		736
Fonofos		163
Heptachlor epoxide		143
Iprodione		626
Lindane		050
Linuron		129

¹ Required only on samples received by CA1 from CA and MD. Analysis by NY1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

² Required only on samples received by NY1 from CO, FL, MI, NY, OH, TX, WA, and WI. Analysis by CA1 on samples received from CA and MD is not required.

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Carrot Compound	Reported As	Pest Code
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methomyl		159
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Metribuzin		181
o-Phenylphenol		083
Oxadixyl		A46
Oxamyl		537
Parathion		065
Parathion O-analog		370
Phenmedipham ²		791
Prometryn		249
Thiabendazole		157
Trifluralin		151

5.2 Marker Pesticides for Carrot Multi Residue Screens

Carbaryl	DDE p,p'	Diazinon
Dicloran	Endosulfan I	Iprodione
Methomyl	Thiabendazole	

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Fran Gross

12/20/00

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Pesticide Data Branch

- Removed testing requirements for desmedipham and phenmedipham from CA1 (no tolerance established)
- Removed testing requirement for chlorothalonil from NY1